PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Serial No.:

Georgios B. Giannakis;

Confirmation No.

9359

Shengli Zhou

10/770,116

Filed:

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Customer No.:

28863

Examiner:

David S. Huang

Group Art Unit:

2609

Docket No.:

1008-022US01/Z04015

Title:

ADAPTIVE MODULATION FOR MULTI-ANTENNA TRANSMISSIONS

WITH PARTIAL CHANNEL KNOWLEDGE

AMENDMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed May 2, 2007, the period of response for which runs through August 2, 2007, please amend the application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.